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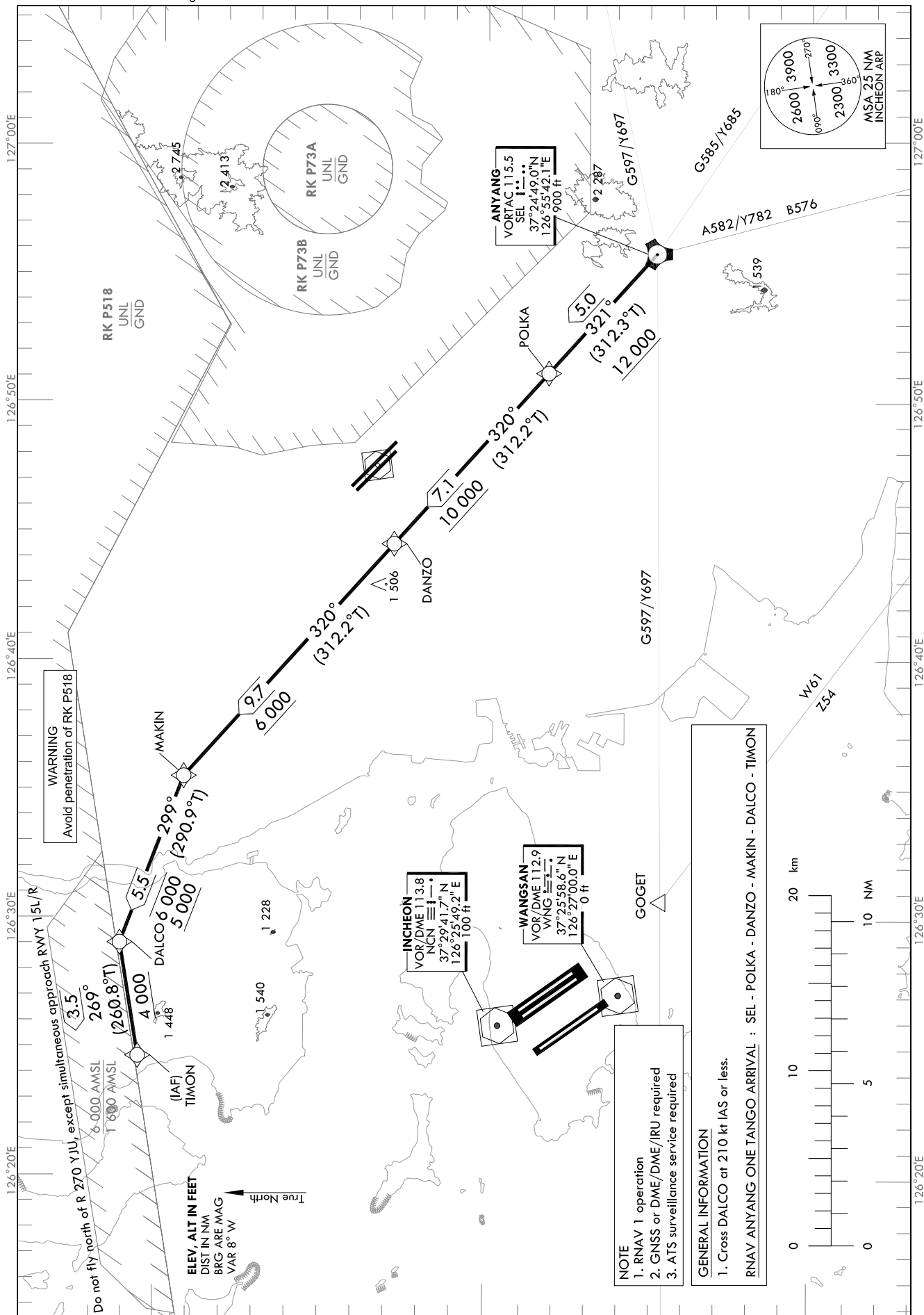
**STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

**SEOUL/Incheon Intl(RKSI)
RWY 15L/R
RNAV SEL 1T**

Note : Arrival under ICAO Flight Procedures.



Change : Information of MSA(2100 → 2300).

SEOUL/Incheon Int'l(RKSI)
RWY 15L/R
RNAV SEL 1T

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV SEL 1T

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	SEL	-	-	-	-	+FL 150	-	372449.0 N 1265542.1 E (R 354 SOT/D20, R 110 NCN/D24)	-	RNAV 1	-
002	TF	POLKA	-	321 (312.3)	5.0	-	+12 000	-	372809.8 N 1265104.8 E (R 102 NCN/D20, R 092 WNG/D19)	-	RNAV 1	-
003	TF	DANZO	-	320 (312.2)	7.1	-	+10 000	-	373255.8 N 1264428.8 E (R 086 NCN/D15, R 072 WNG/D16)	-	RNAV 1	-
004	TF	MAKIN	-	320 (312.2)	9.7	-	+6 000	-	373924.5 N 1263528.2 E (R 046 NCN/D12, R 035 WNG/D15)	-	RNAV 1	-
005	TF	DALCO	-	299 (290.9)	5.5	-	-6 000 +5 000	-210	374122.0 N 1262859.8 E (R 020 NCN/D12, R 014 WNG/D15)	-	RNAV 1	-
006	TF	TIMON	-	269 (260.8)	3.5	-	+4 000	-210	374048.0 N 1262436.1 E (R 363 NCN/D11, R 001 WNG/D15)	-	RNAV 1	IAF

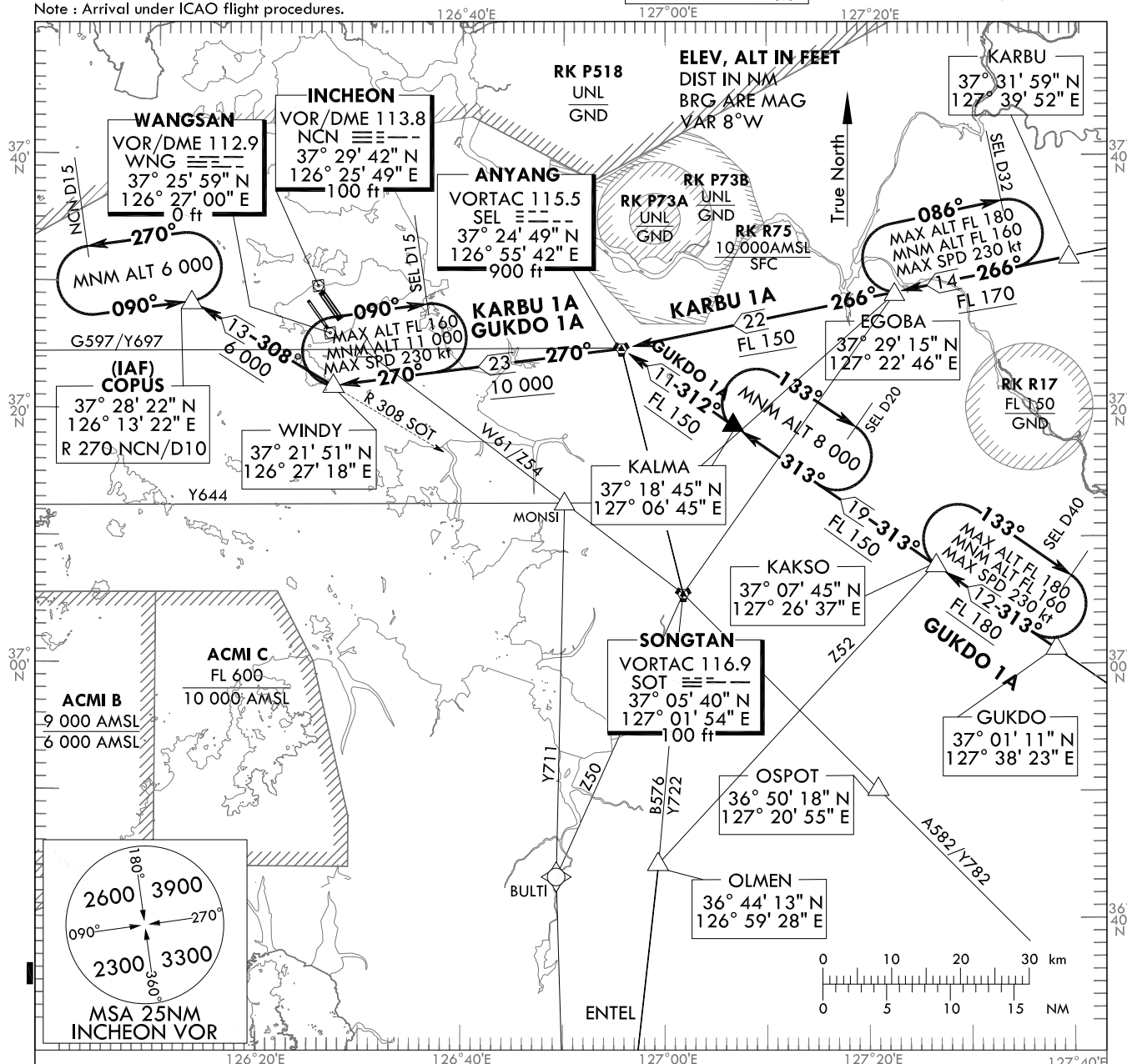
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
INCHEON TWR 119.1
118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R
GUKDO 1A, KARBU 1A

Note : Arrival under ICAO flight procedures.



GENERAL INFORMATION

1. For profile descent with clearance "Descend via the (STAR name and number) arrival", pilots should commence descent after passing the First Fix/Waypoint of each arrival.
2. If unable to comply with flight restrictions, advise ATC for alternatives.
3. Maximum holding speed is 230 kt IAS at EGOBA, KAKSO, KALMA and WINDY, 200 kt IAS at COPUS

DESIGNATOR	FROM	ROUTE	DESCENT ALTITUDE
GUKDO ONE ALPHA	G585 /Y685	GUKDO - KAKSO - KALMA - SEL - WINDY - COPUS	At or above FL 180 by KAKSO, FL 150 by SEL, 10 000 ft by WINDY, and 6 000 ft by COPUS
KARBU ONE ALPHA	G597 /Y697	KARBU - EGOBA - SEL - WINDY - COPUS	At or above FL 170 by EGOBA, FL 150 by SEL, 10 000 ft by WINDY, and 6 000 ft by COPUS

Change : Information of MSA(2100 → 2300).

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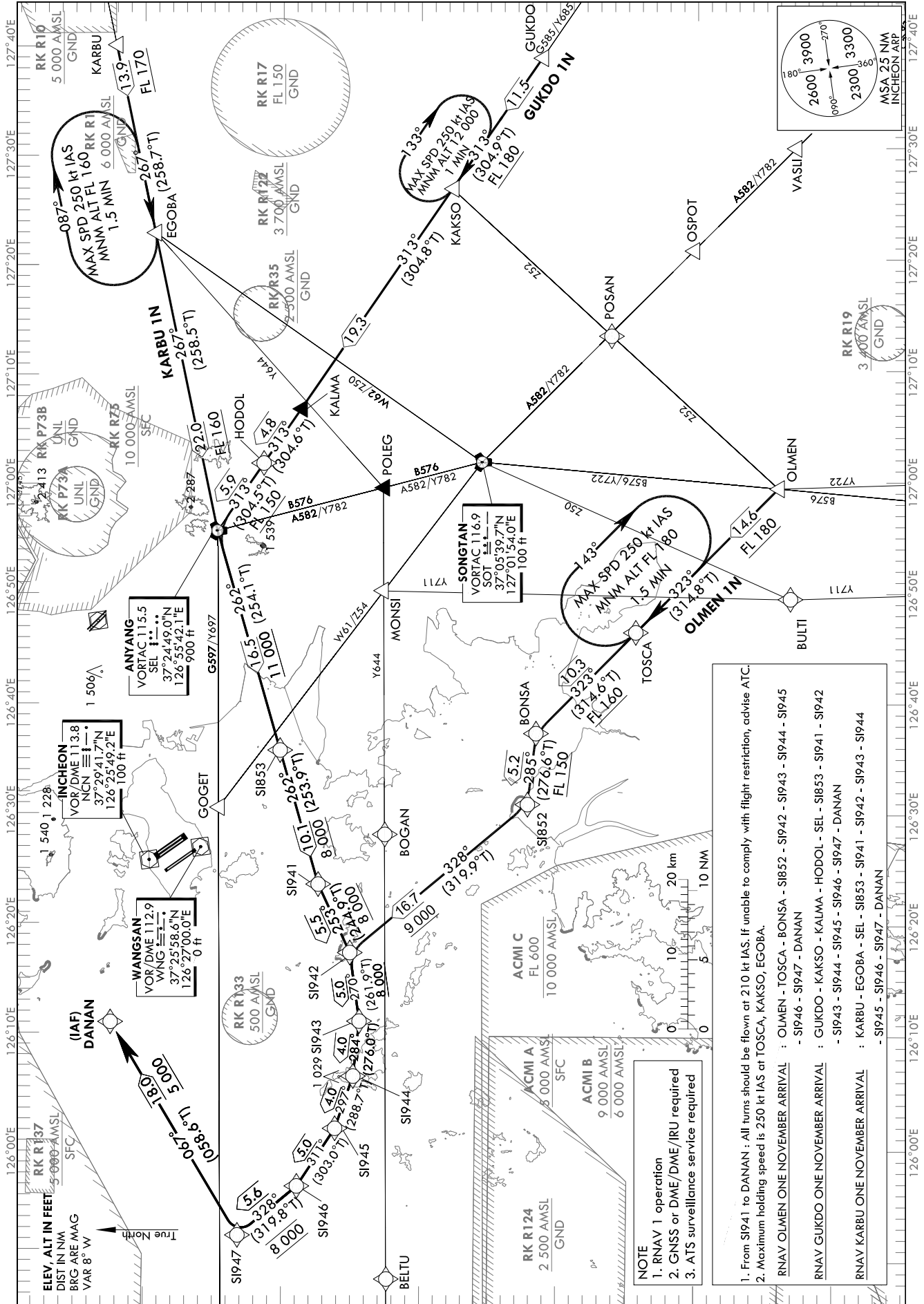
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16
RNAV OLMEN 1N
RNAV GUKDO 1N RNAV KARBU 1N

Note : Arrival under ICAO Flight Procedures.



Change : Information of MSA(2100 → 2300).

NOTE
1. From S1941 to DANAN : All turns should be flown at 210 kt IAS. If unable to comply with flight restriction, advise ATC.
2. Maximum holding speed is 250 kt IAS at TOSCA, KAKSO, EGOKA.
RNAV OLMEN ONE NOVEMBER ARRIVAL : OLMEN - TOSCA - BONSAN - S1852 - S1942 - S1943 - S1944 - S1945 - S1946 - S1947 - DANAN
RNAV GUKDO ONE NOVEMBER ARRIVAL : GUKDO - KAKSO - KALMA - HODOL - SEL - S1853 - S1941 - S1942 - S1943 - S1944 - S1945 - S1946 - S1947 - DANAN
RNAV KARBU ONE NOVEMBER ARRIVAL : KARBU - EGOKA - SEL - S1853 - S1941 - S1942 - S1943 - S1944 - S1945 - S1946 - S1947 - DANAN

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16
RNAV OLMEN 1N, RNAV GUKDO 1N AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	OLMEN	-	-	-	-	-	-	364413.4 N 1265977.6 E (R 184 SEL/D41, R 193 SOT/D22)	-	RNAV 1	-
002	TF	TOSCA	-	323 (314.8)	14.6	-	+FL 180	-	365431.8 N 1264630.1 E (R 202 SEL/D31, R 236 SOT/D17)	-	RNAV 1	-
003	TF	BONSA	-	323 (314.6)	10.3	-	+FL 160	-	370144.4 N 1263723.0 E (R 220 SEL/D27, R 267 SOT/D20)	-	RNAV 1	-
004	TF	SI852	-	285 (276.6)	5.2	-	+FL 150	-	370220.0 N 1263058.0 E (R 179 NCN/D28, R 180 WNG/D24)	-	RNAV 1	-
005	TF	SI942	-	328 (319.9)	16.7	-	+9 000	-	371507.7 N 1261729.1 E (R 213 NCN/D16, R 223 WNG/D13)	-	RNAV 1	-
006	TF	SI943	-	270 (261.9)	5.0	-	+8 000	@210	371425.0 N 126117.2 E (R 225 NCN/D19, R 235 WNG/D17)	-	RNAV 1	-
007	TF	SI944	-	284 (276.0)	4.0	-	-	@210	371449.9 N 1260618.3 E (R 234 NCN/D22, R 244 WNG/D20)	-	RNAV 1	-
008	TF	SI945	-	297 (288.7)	4.0	-	-	@210	371606.8 N 1260133.5 E (R 243 NCN/D24, R 252 WNG/D23)	-	RNAV 1	-
009	TF	SI946	-	311 (303.0)	5.0	-	-	@210	371850.2 N 1255618.1 E (R 253 NCN/D26, R 262 WNG/D26)	-	RNAV 1	-
010	TF	SI947	-	328 (319.8)	5.6	-	@8 000	@210	372306.0 N 1255147.5 E (R 264 NCN/D28, R 272 WNG/D28)	-	RNAV 1	-
011	TF	DANAN	-	067 (058.6)	18.0	-	+5 000	@210	373226.0 N 1261104.0 E (R 291 NCN/D12, R 305 WNG/D14)	-	RNAV 1	IAF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	-	-	370110.9N 1273822.6E (R 132 SEL/D42, R 106 SOT/D30)	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	+FL 180	-	370744.6N 1272637.4E (R 132 SEL/D30, R 092 SOT/D20)	-	RNAV 1	-
003	TF	KALMA	-	313 (304.8)	19.3	-	-	-	371844.9N 1270644.8E (R 132 SEL/D11, R 024 SOT/D14)	-	RNAV 1	-
004	TF	HODOL	-	313 (304.6)	4.8	-	-	-	372127.2N 1270149.9E (R 132 SEL/D6, R 008 SOT/D16)	-	RNAV 1	-
005	TF	SEL	-	313 (304.5)	5.9	-	+FL 150	-	372449.0N 1265542.1E (R 353 SOT/D20, R 109 NCN/D24)	-	RNAV 1	-
006	TF	SI853	-	262 (254.1)	16.5	-	+11 000	-	372015.1 N 1263548.3 E (R 262 SEL/D17, R 313 SOT/D25)	-	RNAV 1	-
007	TF	SI941	-	262 (253.9)	10.1	-	+8 000	@210	371727.0 N 1262340.4 E (R 196 NCN/D12, R 205 WNG/D9)	-	RNAV 1	-
008	TF	SI942	-	253 (244.9)	5.5	-	+8 000	@210	371507.7 N 1261729.1 E (R 213 NCN/D16, R 223 WNG/D13)	-	RNAV 1	-
009	TF	SI943	-	270 (261.9)	5.0	-	-	@210	371425.0 N 126117.2 E (R 225 NCN/D19, R 235 WNG/D17)	-	RNAV 1	-
010	TF	SI944	-	284 (276.0)	4.0	-	-	@210	371449.9 N 1260618.3 E (R 234 NCN/D22, R 244 WNG/D20)	-	RNAV 1	-
011	TF	SI945	-	297 (288.7)	4.0	-	-	@210	371606.8 N 1260133.5 E (R 243 NCN/D24, R 252 WNG/D23)	-	RNAV 1	-
012	TF	SI946	-	311 (303.0)	5.0	-	-	@210	371850.2 N 1255618.1 E (R 253 NCN/D26, R 262 WNG/D26)	-	RNAV 1	-
013	TF	SI947	-	328 (319.8)	5.6	-	@8 000	@210	372306.0 N 1255147.5 E (R 264 NCN/D28, R 272 WNG/D28)	-	RNAV 1	-
014	TF	DANAN	-	067 (058.6)	18.0	-	+5 000	@210	373226.0 N 1261104.0 E (R 291 NCN/D12, R 305 WNG/D14)	-	RNAV 1	IAF

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16
RNAV KARBU 1N

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	KARBU	-	-	-	-	-	-	373159.0 N 1273952.0 E (R 086 SEL/D36, R 057 SOT/D40)	-	RNAV 1	-
002	TF	EGOBA	-	267 (258.7)	13.9	-	+FL 170	-	37291.47 N 1272245.9 E (R 086 SEL/D22, R 043 SOT/D29)	-	RNAV 1	-
003	TF	SEL	-	267 (258.5)	22.0	-	+FL 160	-	372449.0N 1265542.1E (R 353 SOT/D20, R 109 NCN/D24)	-	RNAV 1	-
004	TF	SI853	-	262 (254.1)	16.5	-	+11 000	-	37201.51 N 1263548.3 E (R 262 SEL/D17, R 313 SOT/D25)	-	RNAV 1	-
005	TF	SI941	-	262 (253.9)	10.1	-	+8 000	@210	371727.0 N 1262340.4 E (R 196 NCN/D12, R 205 WNG/D9)	-	RNAV 1	-
006	TF	SI942	-	253 (244.9)	5.5	-	+8 000	@210	371507.7 N 1261729.1 E (R 213 NCN/D16, R 223 WNG/D13)	-	RNAV 1	-
007	TF	SI943	-	270 (261.9)	5.0	-	-	@210	371425.0 N 1261117.2 E (R 225 NCN/D19, R 235 WNG/D17)	-	RNAV 1	-
008	TF	SI944	-	284 (276.0)	4.0	-	-	@210	371449.9 N 1260618.3 E (R 234 NCN/D22, R 244 WNG/D20)	-	RNAV 1	-
009	TF	SI945	-	297 (288.7)	4.0	-	-	@210	371606.8 N 1260133.5 E (R 243 NCN/D24, R 252 WNG/D23)	-	RNAV 1	-
010	TF	SI946	-	311 (303.0)	5.0	-	-	@210	371850.2 N 1255618.1 E (R 253 NCN/D26, R 262 WNG/D26)	-	RNAV 1	-
011	TF	SI947	-	328 (319.8)	5.6	-	@8 000	@210	372306.0 N 1255147.5 E (R 264 NCN/D28, R 272 WNG/D28)	-	RNAV 1	-
012	TF	DANAN	-	067 (058.6)	18.0	-	+5 000	@210	373226.0 N 1261104.0 E (R 291 NCN/D12, R 305 WNG/D14)	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV OJWEN 1N	-	TOSCA	Y	323 (314.8)	1.5	R	+FL 180	-250	365431.8 N 1264630.1 E (R 202 SEL/D31, R 236 SOT/D17)	-	RNAV 1	-
RNAV GUKDO 1N	-	KAKSO	Y	313 (304.9)	1	R	+12 000	-250	370744.6N 1272637.4E (R 132 SEL/D30, R 092 SOT/D20)	-	RNAV 1	-
RNAV KARBU 1N	-	EGOBA	Y	267 (258.7)	1.5	R	+FL 160	-250	37291.47 N 1272245.9 E (R 086 SEL/D22, R 043 SOT/D29)	-	RNAV 1	-

Change : Information of Magnetic course.

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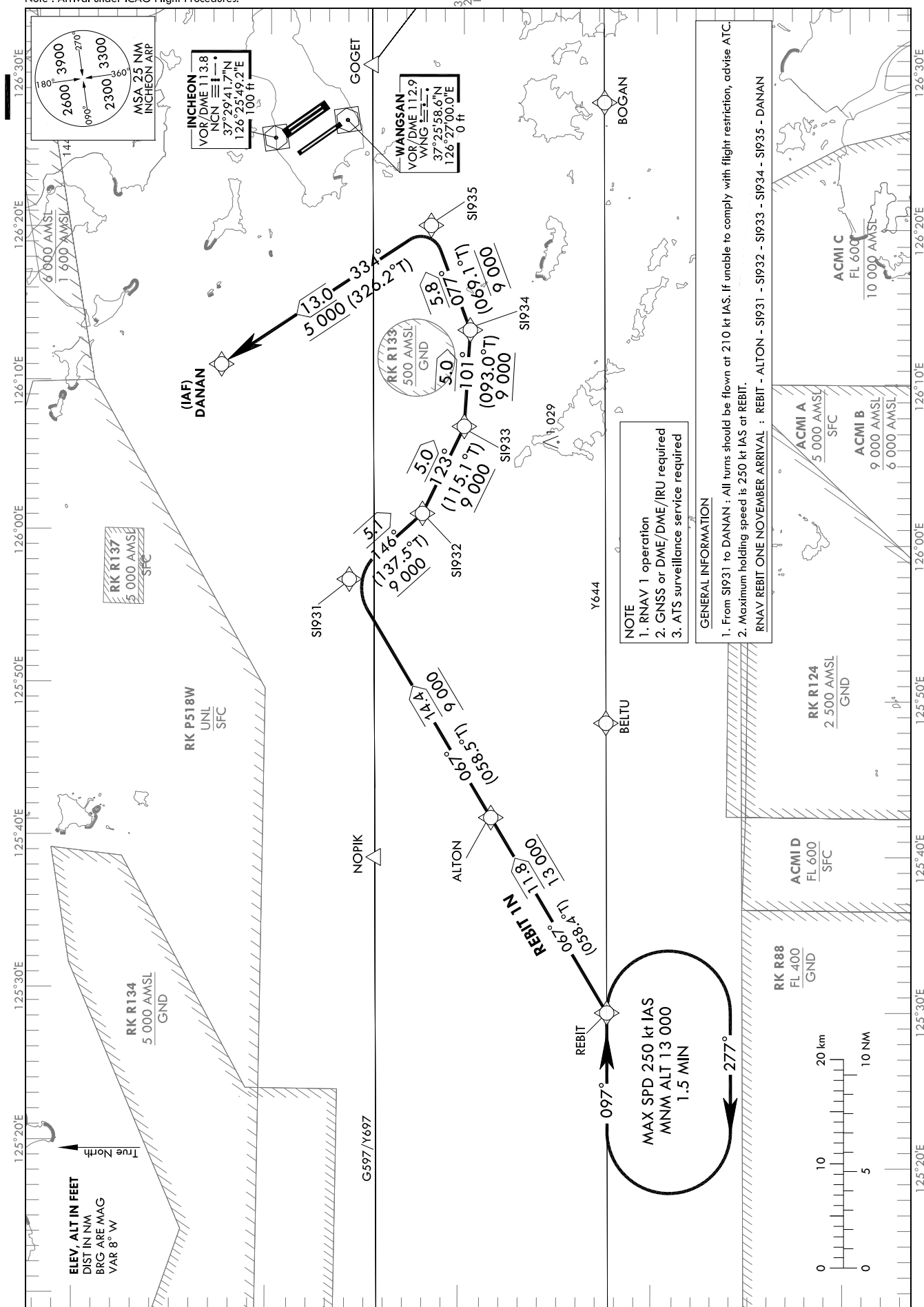
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16
RNAV REBIT 1N

Note : Arrival under ICAO Flight Procedures.



NOTE
1. RNAV 1 operation
2. GNSS or DME/DME/IRU required
3. ATS surveillance service required

GENERAL INFORMATION

1. From S1931 to DANAN : All turns should be flown at 210 kt IAS. If unable to comply with flight restriction, advise ATC.
2. Maximum holding speed is 250 kt IAS at REBIT.
RNAV REBIT ONE NOVEMBER ARRIVAL : REBIT - ALTON - S1931 - S1932 - S1933 - S1934 - S1935 - DANAN

Change : Information of MSA(2100 → 2300).

SEOUL/Incheon Intl(RKSI)
RWY 15L/R RWY 16
RNAV REBIT 1N

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-	-	371203.0 N 1252912.7 E (R 268 SEL/D70, R 283 SOT/D74)	-	RNAV 1	-
002	TF	ALTON	-	067 (058.4)	11.8	-	+13 000	-	371812.6 N 1254146.1 E (R 272 SEL/D59, R 289 SOT/D65)	-	RNAV 1	-
003	TF	SIP31	-	067 (058.5)	14.4	-	+9 000	@210	372542.2 N 1255709.0 E (R 268 NCN/D23, R 277 WNG/D24)	-	RNAV 1	-
004	TF	SIP32	-	146 (137.5)	5.1	-	+9 000	@210	372136.6 N 1260128.0 E (R 256 NCN/D21, R 267 WNG/D21)	-	RNAV 1	-
005	TF	SIP33	-	123 (115.1)	5.0	-	+9 000	@210	371948.9 N 1260708.5 E (R 244 NCN/D18, R 257 WNG/D17)	-	RNAV 1	-
006	TF	SIP34	-	101 (093.0)	5.0	-	+9 000	@210	371932.9 N 1261324.1 E (R 232 NCN/D14, R 247 WNG/D13)	-	RNAV 1	-
007	TF	SIP35	-	077 (069.1)	5.8	-	@9 000	@210	372136.5 N 1262011.1 E (R 217 NCN/D9, R 239 WNG/D7)	-	RNAV 1	-
008	TF	DANAN	-	334 (326.2)	13.0	-	+5 000	@210	373226.0 N 1261104.0 E (R 291 NCN/D12, R 305 WNG/D14)	-	RNAV 1	-

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV REBIT 1N	-	REBIT	Y	097 (089.1)	1.5	R	+13 000	-250	371203.0 N 1252912.7 E (R 268 SEL/D70, R 283 SOT/D74)	-	RNAV 1	-

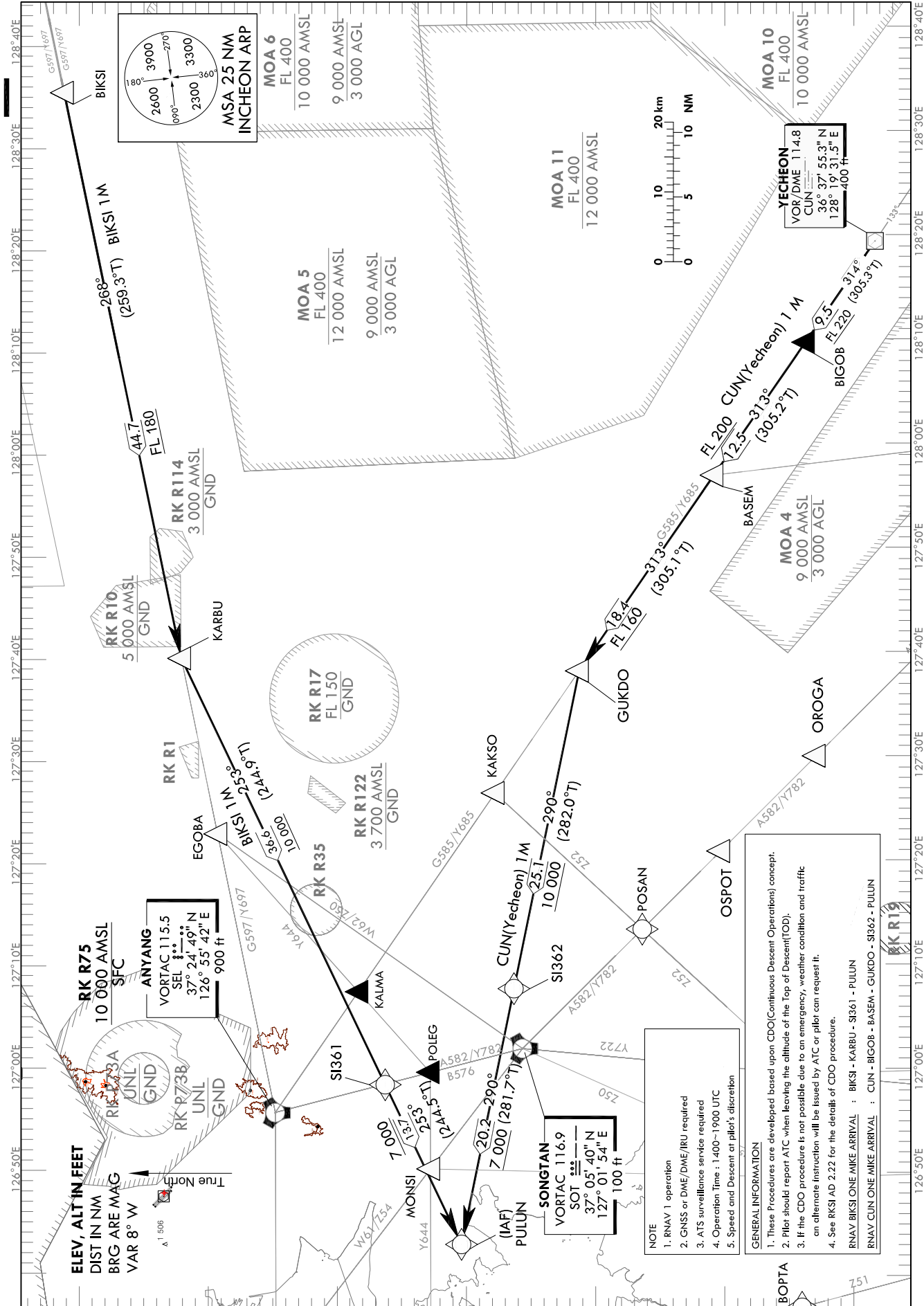
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV BIKSI 1M
RNAV CUN 1M

Note : Arrival under ICAO Flight Procedure.



Change : Information of MSA(2100 → 2300).

NOTE

1. RNAV 1 operation
2. GNSS or DME/DME/IRU required
3. ATIS surveillance service required
4. Operation Time : 1400-1900 UTC
5. Speed and Descent at pilot's discretion

GENERAL INFORMATION

1. These Procedures are developed based upon CDO(Continuous Descent Operations) concept.
2. Pilot should report ATC when leaving the altitude of the Top of Descent(TOD).
3. If the CDO procedure is not possible due to an emergency, weather condition and traffic an alternate instruction will be issued by ATC or pilot can request it.
4. See RKSI AD 2.22 for the details of CDO procedure.

RNAV BIKSI ONE MIKE ARRIVAL : BIKSI - KARBU - GUKDO - SI362 - PULUN
RNAV CUN ONE MIKE ARRIVAL : CUN - BIGOB - BASEM - GUKDO - SI362 - PULUN

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV BIKSI 1M, RNAV CUN 1M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV BIKSI 1M												
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	BIKSI	-	-	-	-	-	-	374032.0 N 1283504.0 E (R 086 SEL/D81, R 093 KIP/D86)	-	RNAV 1	-
002	TF	KARBU	-	268 (259.3)	44.7	-	+FL 180	-	373159.0 N 1273952.0 E (R 086 SEL/D36, R 100 KIP/D42)	-	RNAV 1	-
003	TF	S1361	-	253 (244.9)	36.6	-	+10 000	-	371618.0 N 1265823.2 E (R 174 SEL/D99, R 161 KIP/D19)	-	RNAV 1	-
004	TF	PULUN	-	253 (244.5)	13.7	-	+7 000	-	371022.2 N 1264255.7 E (R 223 SEL/D18, R 197 KIP/D23)	-	RNAV 1	IAF

RNAV CUN 1M												
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	CUN	-	-	-	-	-	-	363755.3 N 1281931.5 E (R 132 SEL/D82, R 134 KIP/D92)	-	RNAV 1	-
002	TF	BIGOB	-	314 (305.3)	9.5	-	+FL 220	-	364325.4 N 1280952.0 E (R 132 SEL/D72, R 135 KIP/D83)	-	RNAV 1	-
003	TF	BASEM	-	313 (305.2)	12.5	-	+FL 200	-	365037.2 N 1275709.9 E (R 132 SEL/D60, R 135 KIP/D70)	-	RNAV 1	-
004	TF	GUKDO	-	313 (305.1)	18.4	-	+FL 160	-	370110.9 N 1273822.9 E (R 132 SEL/D41, R 136 KIP/D52)	-	RNAV 1	-
005	TF	S1362	-	290 (282.0)	25.1	-	+10 000	-	370619.6 N 1270740.9 E (R 161 SEL/D21, R 157 KIP/D32)	-	RNAV 1	-
006	TF	PULUN	-	290 (281.7)	20.2	-	+7 000	-	371022.2 N 1264255.7 E (R 223 SEL/D18, R 197 KIP/D23)	-	RNAV 1	IAF

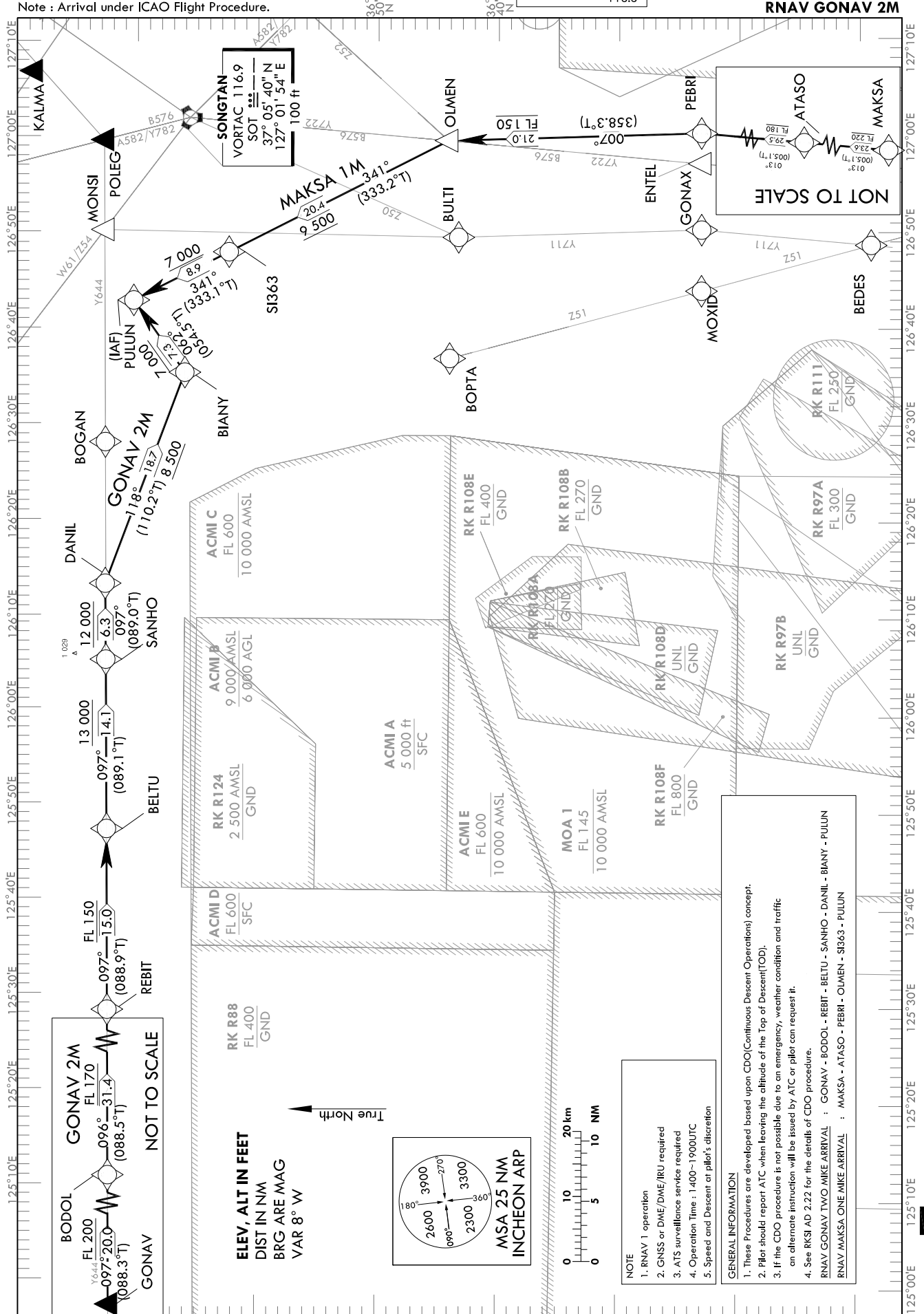
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
INCHEON TWR 119.1
118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV MAKSA 1M
RNAV GONAV 2M

Note : Arrival under ICAO Flight Procedure.



Change : Information of MSA(2100 → 2300).

SEOUL/Incheon Intl(RKSI)
RWY 33L/R
RNAV GONAV 2M, RNAV MAKSA 1M

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	GONAV	-	-	-	-	-	-	371048.4 N 1242452.6 E (R 272 SEL/D121, R 267 KIP/D116)	-	RNAV 1	-
002	TF	BODOL	-	097 (088.3)	20.0	-	+FL 200	-	371121.6 N 1244953.7 E (R 271 SEL/D101, R 265 KIP/D96)	-	RNAV 1	-
003	TF	REBIT	-	096 (088.5)	31.4	-	+FL 170	-	371203.0 N 1252912.7 E (R 268 SEL/D70, R 259 KIP/D66)	-	RNAV 1	-
004	TF	BELTU	-	097 (088.9)	15.0	-	+FL 150	-	371218.2 N 1254759.0 E (R 265 SEL/D55, R 254 KIP/D52)	-	RNAV 1	-
005	TF	SANHO	-	097 (089.1)	14.1	-	+13 000	-	371230.7 N 1260534.8 E (R 261 SEL/D42, R 246 KIP/D39)	-	RNAV 1	-
006	TF	DANIL	-	097 (089.0)	6.3	-	+12 000	-	371237.2 N 1261328.7 E (R 258 SEL/D36, R 241 KIP/D34)	-	RNAV 1	-
007	TF	BIANY	-	118 (110.2)	18.7	-	+8 500	-	370606.2 N 1263526.7 E (R 229 SEL/D25, R 207 KIP/D29)	-	RNAV 1	-
008	TF	PULUN	-	062 (054.5)	7.3	-	+7 000	-	371022.2 N 1264255.7 E (R 223 SEL/D18, R 197 KIP/D23)	-	RNAV 1	IAF

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	MAKSA	-	-	-	-	-	-	353011.3 N 1265422.0 E (R 189 SEL/D114, R 185 KIP/D123)	-	RNAV 1	-
002	TF	ATASO	-	013 (005.1)	23.6	-	+FL 220	-	355343.6 N 1265657.0 E (R 187 SEL/D91, R 184 KIP/D100)	-	RNAV 1	-
003	TF	PEBRI	-	013 (005.1)	29.5	-	+FL 180	-	362310.8 N 1270013.3 E (R 185 SEL/D62, R 180 KIP/D71)	-	RNAV 1	-
004	TF	OLWEN	-	007 (358.3)	21.0	-	+FL 150	-	364413.4 N 1265927.6 E (R 184 SEL/D41, R 177 KIP/D50)	-	RNAV 1	-
005	TF	S363	-	341 (333.2)	20.4	-	+9 500	-	370227.1 N 1264757.6 E (R 204 SEL/D23, R 187 KIP/D31)	-	RNAV 1	-
006	TF	PULUN	-	341 (333.1)	8.9	-	+7 000	-	371022.2 N 1264255.7 E (R 223 SEL/D18, R 197 KIP/D23)	-	RNAV 1	IAF

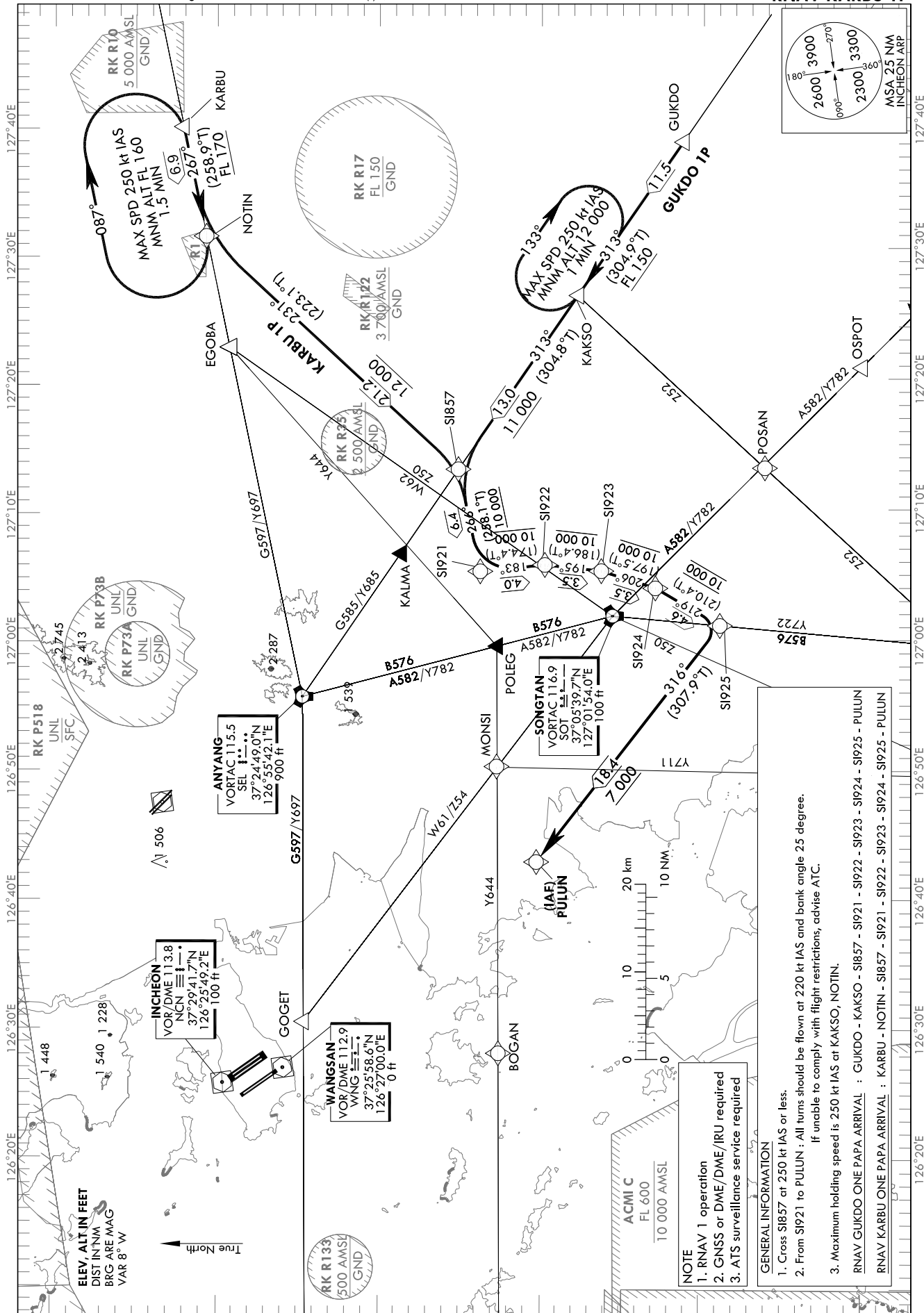
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34
RNAV GUKDO 1P
RNAV KARBU 1P

Note : Arrival under ICAO Flight Procedures.



Change : Information of MSA(2100 → 2300).

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34
RNAV GUKDO 1P RNAV KARBU 1P

AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV GUKDO 1P

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	GUKDO	-	-	-	-	-	-	370110.9N 1273822.6E (R 132 SEL/D42, R 106 SOT/D30)	-	RNAV 1	-
002	TF	KAKSO	-	313 (304.9)	11.5	-	+FL 150	-	370744.6N 1272637.4E (R 132 SEL/D30, R 092 SOT/D20)	-	RNAV 1	-
003	TF	S1857	-	313 (304.8)	13.0	-	+11 000	-250	371510.0N 1271315.0E (R 132 SEL/D17, R 052 SOT/D13)	-	RNAV 1	-
004	TF	S1921	-	266 (258.1)	6.4	-	+10 000	-250	371349.9N 1270522.0E (R 124 NCN/D35, R 119 WNG/D33)	-	RNAV 1	-
005	TF	S1922	-	183 (174.4)	4.0	-	+10 000	@220	370950.7N 1270551.2E (R 130 NCN/D38, R 125 WNG/D35)	-	RNAV 1	Bank angle 25°
006	TF	S1923	-	195 (186.4)	3.5	-	+10 000	@220	370621.7N 1270522.1E (R 134 NCN/D39, R 130 WNG/D36)	-	RNAV 1	Bank angle 25°
007	TF	S1924	-	206 (197.5)	3.5	-	+10 000	@220	370301.2N 1270403.0E (R 139 NCN/D41, R 136 WNG/D37)	-	RNAV 1	Bank angle 25°
008	TF	S1925	-	219 (210.4)	4.6	-	@10 000	@220	365902.9N 1270108.5E (R 145 NCN/D42, R 142 WNG/D38)	-	RNAV 1	Bank angle 25°
009	TF	PULUN	-	316 (307.9)	18.4	-	+7 000	@220	371022.2N 1264255.7E (R 153 NCN/D24, R 149 WNG/D20)	-	RNAV 1	IAF

RNAV KARBU 1P

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	KARBU	-	-	-	-	-	-	373159.0N 1273952.0E (R 086 SEL/D36, R 057 SOT/D40)	-	RNAV 1	-
002	TF	NOTIN	-	267 (258.9)	6.9	-	+FL 170	-	373039.1N 1273122.9E (R 086 SEL/D29, R 051 SOT/D34)	-	RNAV 1	-
003	TF	S1857	-	231 (223.1)	21.2	-	+12 000	-250	371510.0N 1271315.0E (R 132 SEL/D17, R 052 SOT/D13)	-	RNAV 1	-
004	TF	S1921	-	266 (258.1)	6.4	-	+10 000	-250	371349.9N 1270522.0E (R 124 NCN/D35, R 119 WNG/D33)	-	RNAV 1	-
005	TF	S1922	-	183 (174.4)	4.0	-	+10 000	@220	370950.7N 1270551.2E (R 130 NCN/D38, R 125 WNG/D35)	-	RNAV 1	Bank angle 25°
006	TF	S1923	-	195 (186.4)	3.5	-	+10 000	@220	370621.7N 1270522.1E (R 134 NCN/D39, R 130 WNG/D36)	-	RNAV 1	Bank angle 25°
007	TF	S1924	-	206 (197.5)	3.5	-	+10 000	@220	370301.2N 1270403.0E (R 139 NCN/D41, R 136 WNG/D37)	-	RNAV 1	Bank angle 25°
008	TF	S1925	-	219 (210.4)	4.6	-	@10 000	@220	365902.9N 1270108.5E (R 145 NCN/D42, R 142 WNG/D38)	-	RNAV 1	Bank angle 25°
009	TF	PULUN	-	316 (307.9)	18.4	-	+7 000	@220	371022.2N 1264255.7E (R 153 NCN/D24, R 149 WNG/D20)	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV GUKDO 1P	-	KAKSO	Y	313 (304.9)	1	R	+12 000	-250	370744.6N 1272637.4E (R 132 SEL/D30, R 092 SOT/D20)	-	RNAV 1	-
RNAV KARBU 1P	-	NOTIN	Y	267 (258.9)	1.5	R	+FL 160	-250	373039.1N 1273122.9E (R 086 SEL/D29, R 051 SOT/D34)	-	RNAV 1	-

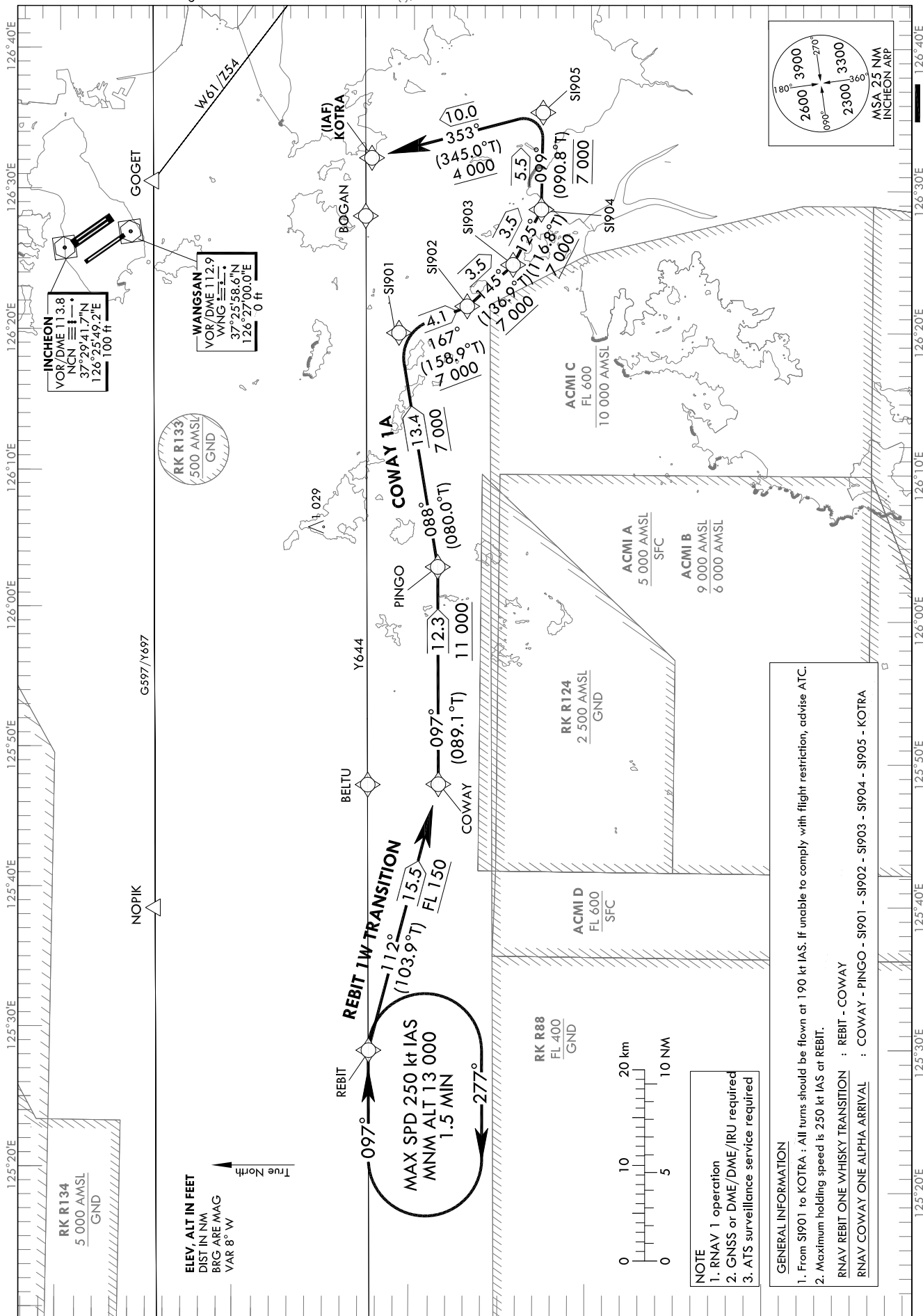
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

SEOUL APP 119.75
119.1
INCHEON TWR 118.2
118.8

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34
RNAV COWAY 1A

Note : Arrival under ICAO Flight Procedures.



Change : Information of MSA(2100 → 2300).

SEOUL/Incheon Int'l(RKSI)
RWY 33L/R RWY 34
RNAV REBIT 1W TRANSITION, RNAV COWAY 1A
AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV REBIT 1W TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	REBIT	-	-	-	-	-	-	371203.0 N 125291.27 E (R 268 SEL/D70, R 283 SOT/D74)	-	RNAV 1	-
002	TF	COWAY	-	112 (103.9)	15.5	-	+FL 150	-	370817.9 N 1254804.6 E (R 261 SEL/D56, R 281 SOT/D59)	-	RNAV 1	-

RNAV COWAY 1A

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	COWAY	-	-	-	-	+FL 150	-	370817.9 N 1254804.6 E (R 261 SEL/D56, R 281 SOT/D59)	-	RNAV 1	-
002	TF	PINGO	-	097 (089.1)	12.3	-	+11 000	-	370828.1 N 1260325.2 E (R 257 SEL/D45, R 282 SOT/D47)	-	RNAV 1	-
003	TF	SI901	-	088 (080.0)	13.4	-	+7 000	@190	371046.2 N 1261955.9 E (R 202 NCN/D20, R 208 WNG/D16)	-	RNAV 1	-
004	TF	SI902	-	167 (158.9)	4.1	-	+7 000	@190	370654.2 N 1262147.8 E (R 196 NCN/D23, R 200 WNG/D20)	-	RNAV 1	-
005	TF	SI903	-	145 (136.9)	3.5	-	+7 000	@190	370420.7 N 1262447.1 E (R 190 NCN/D25, R 193 WNG/D22)	-	RNAV 1	-
006	TF	SI904	-	125 (116.8)	3.5	-	+7 000	@190	370246.0 N 1262841.4 E (R 183 NCN/D27, R 185 WNG/D23)	-	RNAV 1	-
007	TF	SI905	-	099 (090.8)	5.5	-	@7 000	@190	370241.1 N 1263532.1 E (R 172 NCN/D28, R 172 WNG/D24)	-	RNAV 1	-
008	TF	KOTRA	-	353 (345.0)	10.0	-	+4 000	@190	371221.3 N 1263217.4 E (R 171 NCN/D18, R 171 WNG/D14)	-	RNAV 1	IAF

HOLDING PROCEDURE

Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Time (min)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
RNAV REBIT 1W TRANSITION	-	REBIT	Y	097 (089.1)	1.5	R	+13 000	-250	371203.0 N 125291.27 E (R 268 SEL/D70, R 283 SOT/D74)	-	RNAV 1	-

SEOUL/Incheon Intl(RKSI)
RWY 33L/R RWY 34
RNAV RBIT 1W TRANSITION, RNAV COWAY 1P,
RNAV OLMEN 1P
AERONAUTICAL DATA TABULATION

Standard Instrument Arrival Procedure Coding Tables

RNAV RBIT 1W TRANSITION											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	Navigation specification	Remarks
001	IF	RBIT	-	-	-	-	-	-	371203.0 N 125291.27 E (R 268 SEL/D70, R 283 SOT/D74)	RNAV 1	-
002	TF	COWAY	-	112 (103.9)	15.5	-	+FL 150	-	370817.9 N 1254804.6 E (R 261 SEL/D56, R 281 SOT/D59)	RNAV 1	-

RNAV COWAY 1P											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	Navigation specification	Remarks
001	IF	COWAY	-	-	-	-	+FL 150	-	370817.9 N 1254804.6 E (R 261 SEL/D56, R 281 SOT/D59)	RNAV 1	-
002	TF	PINGO	-	097 (089.1)	12.3	-	+12 000	-	370828.1 N 1260325.2 E (R 257 SEL/D45, R 282 SOT/D47)	RNAV 1	-
003	TF	S1854	-	098 (089.3)	15.8	-	+12 000	-	370838.3 N 1262310.7 E (R 246 SEL/D31, R 284 SOT/D31)	RNAV 1	-
004	TF	S1855	-	138 (129.4)	20.7	-	@12 000	-	365525.7 N 1264310.4 E (R 207 SEL/D31, R 244 SOT/D18)	RNAV 1	-
005	TF	ARONE	-	072 (063.3)	6.7	-	+11 000	@220	365825.6 N 1265037.3 E (R 197 SEL/D27, R 239 SOT/D12)	RNAV 1	-
006	TF	S1912	-	061 (053.2)	4.6	-	+11 000	@220	370111.1 N 1265513.2 E (R 189 SEL/D24, R 238 SOT/D7)	RNAV 1	Bank angle 25°
007	TF	S1913	-	043 (035.1)	3.6	-	+11 000	@220	370408.0 N 1265748.4 E (R 183 SEL/D21, R 253 SOT/D4)	RNAV 1	Bank angle 25°
008	TF	S1914	-	027 (019.2)	3.6	-	+11 000	@220	370732.3 N 1265917.2 E (R 178 SEL/D18, R 320 SOT/D3)	RNAV 1	Bank angle 25°
009	TF	S1915	-	008 (359.6)	5.2	-	@11 000	@220	371247.4 N 1265914.6 E (R 175 SEL/D12, R 351 SOT/D7)	RNAV 1	Bank angle 25°
010	TF	PULUN	-	268 (259.6)	13.3	-	+7 000	@220	371022.2 N 1264255.7 E (R 153 NCN/D24, R 149 WNG/D20)	RNAV 1	IAF

RNAV OLMEN 1P											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	Navigation specification	Remarks
001	IF	OLMEN	-	-	-	-	-	-	364413.4 N 1265927.6 E (R 184 SEL/D41, R 193 SOT/D22)	RNAV 1	-
002	TF	ARONE	-	342 (333.5)	15.9	-	+12 000	@220	365825.6 N 1265037.3 E (R 197 SEL/D27, R 239 SOT/D12)	RNAV 1	-
003	TF	S1912	-	061 (053.2)	4.6	-	+11 000	@220	370111.1 N 1265513.2 E (R 189 SEL/D24, R 238 SOT/D7)	RNAV 1	Bank angle 25°
004	TF	S1913	-	043 (035.1)	3.6	-	+11 000	@220	370408.0 N 1265748.4 E (R 183 SEL/D21, R 253 SOT/D4)	RNAV 1	Bank angle 25°
005	TF	S1914	-	027 (019.2)	3.6	-	+11 000	@220	370732.3 N 1265917.2 E (R 178 SEL/D18, R 320 SOT/D3)	RNAV 1	Bank angle 25°
006	TF	S1915	-	008 (359.6)	5.2	-	@11 000	@220	371247.4 N 1265914.6 E (R 175 SEL/D12, R 351 SOT/D7)	RNAV 1	Bank angle 25°
007	TF	PULUN	-	268 (259.6)	13.3	-	+7 000	@220	371022.2 N 1264255.7 E (R 153 NCN/D24, R 149 WNG/D20)	RNAV 1	IAF

HOLDING PROCEDURE											
Holding Identification	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	Navigation specification	Remarks
RNAV RBIT 1W TRANSITION	-	RBIT	Y	097 (089.1)	097.1	R	+13 000	-250	371203.0 N 125291.27 E (R 268 SEL/D70, R 283 SOT/D74)	RNAV 1	-
RNAV OLMEN 1P	-	ARONE	Y	341 (333.5)	1	R	+12 000	-250	365825.6 N 1265037.3 E (R 197 SEL/D27, R 239 SOT/D12)	RNAV 1	-